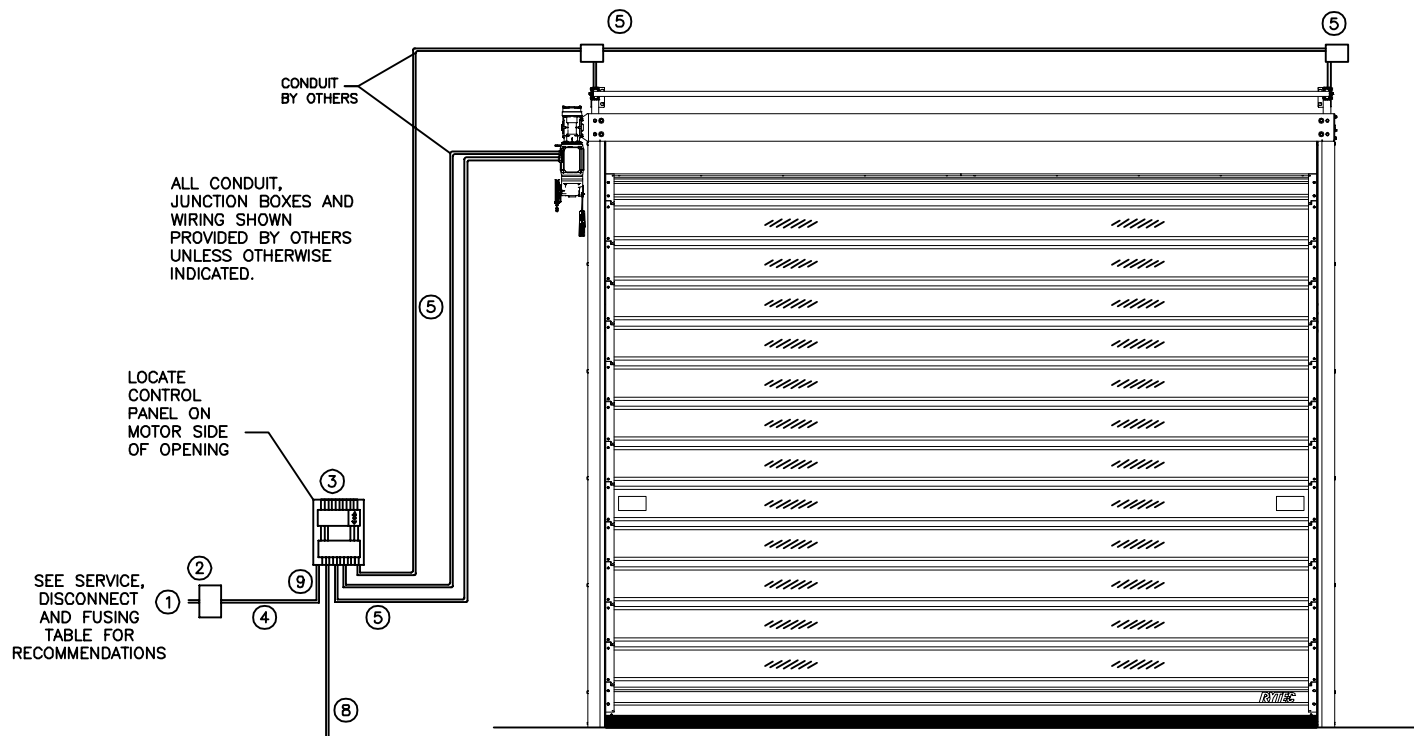




GENERAL ELECTRICAL INSTALLATION NOTES

- THE ENCLOSURE MOUNTING HARDWARE PROVIDED MUST BE USED IN ORDER TO MAINTAIN THE ENCLOSURE RATING (TYPE 4 STANDARD UNLESS OTHERWISE NOTED ON APPROVAL DRAWING.).
- ALL CONDUIT CONNECTIONS TO THE CONTROL PANEL SHOULD ENTER THROUGH THE BOTTOM OF THE ENCLOSURE. ANY CONDUIT ENTRIES IN THE SIDES OR TOP OF THE ENCLOSURE WILL VOID THE WARRANTY.
- ALL FIELD ELECTRICAL WORK MUST CONFORM TO ANY APPLICABLE LOCAL OR NATIONAL ELECTRIC CODES.
- ALL FIELD WIRING TO BE MINIMUM 60° C, 600V RATED COPPER STRANDED TYPE.
- USE SHIELDED CABLE WHERE INDICATED ON THE SCHEMATIC PROVIDED WITH THE DOOR. FAILURE TO USE SHIELDED CABLE MAY RESULT IN IMPROPER OPERATION OR PREMATURE FAILURE AND WILL VOID WARRANTY.
- INSTALL ALL LOW VOLTAGE (< 50V) WIRING IN METALLIC CONDUIT SEPARATE FROM MOTOR AND OTHER HIGH VOLTAGE WIRING. FAILURE TO SEPARATE HIGH AND LOW VOLTAGE WILL VOID WARRANTY. (NOTE : BRAKE VOLTAGE IS 24VDC (LOW VOLTAGE)).
- TAKE NECESSARY PRECAUTIONS TO PREVENT MOISTURE FROM ENTERING CONTROL PANEL THROUGH CONDUIT.
- SPIRAL VPD DIRECT DRIVE DOOR PROVIDED WITH 25 FT SHIELDED MOTOR AND CONTROL CABLE.
- IF SPLICING OF ENCODER CABLE IS NECESSARY, MAINTAIN SHIELDING AT SPLICE.
- THIS DOCUMENT OUTLINES THE GENERAL ELECTRICAL REQUIREMENTS FOR THIS DOOR TYPE. REFER TO THE ELECTRICAL SCHEMATIC PROVIDED WITH THE DOOR FOR COMPLETE REQUIREMENTS.

SERVICE, DISCONNECT AND FUSING RECOMMENDATIONS

208-230V/1PH-50/60HZ

MINIMUM SERVICE: 20 AMP (REQUIRED)
DISCONNECT: 30 AMP, 300V MIN., 2 POLE
FUSES: 20 AMP, CLASS R OR EQUAL

(LARGER DOORS MAY SEE REDUCED PERFORMANCE.)

208-230V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP
DISCONNECT: 30 AMP, 300V MIN., 3 POLE
FUSES: 20 AMP, CLASS R OR EQUAL

460V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 20 AMP, CLASS R OR EQUAL

600V/3PH-50/60HZ

MINIMUM SERVICE: 15 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 15 AMP, CLASS R OR EQUAL

Requirements: Responsible Party*

- BRANCH CIRCUIT PROTECTION AND MAIN POWER DISTRIBUTION WIRES: 1 _____
- SUPPLY & MOUNTING OF FUSED DISCONNECT (INCLUDING FUSES) WITHIN 5 FT OF THE DOOR OPENING: 2 _____
- MOUNTING OF CONTROL PANEL WITHIN 5 FT OF DOOR OPENING: 3 _____
- WIRING FROM DISCONNECT TO CONTROL PANEL: 4 _____
- CONDUIT, WIRE AND OTHER MATERIAL REQUIRED FOR CONNECTIONS FROM CONTROL PANEL TO DOOR: 5 _____
- MOUNTING OF REMOTE PHOTO EYES AND ACTIVATORS, (NOT SHOWN): 6 _____
- WIRING OF ACTIVATORS (SEE ACTIVATOR MANUALS): 7 _____
- INSTALLATION OF OPTIONAL FLOOR LOOP WIRING (INCLUDES FLOOR CUTTING IF REQ'D): 8 _____
- TERMINATION OF ALL WIRING: 9 _____

*Resp. Party to provide all materials and labor to complete the work indicated.

Activator Options, Qty, Responsible Party

PHOTO EYE:	_____	_____
PULLCORD:	_____	_____
MOTION DETECTOR:	_____	_____
PUSH-BUTTON:	_____	_____
FLOOR LOOP:	_____	_____
OTHERS (SEE NOTES):	_____	_____

Additional Notes:

RYTEC CORPORATION

ONE CEDAR PARKWAY, JACKSON, WI 53037-0403

*Spiral® VPD Direct Drive Door
with SYSTEM 4 Drive and Control.*

Electrical Scope Of Work

CUSTOMER:		
LOCATION:		
DATE: 9/26/16	DEALER:	APPV'D BY:
DRAWING NO.:	401074-41T	REV.: —